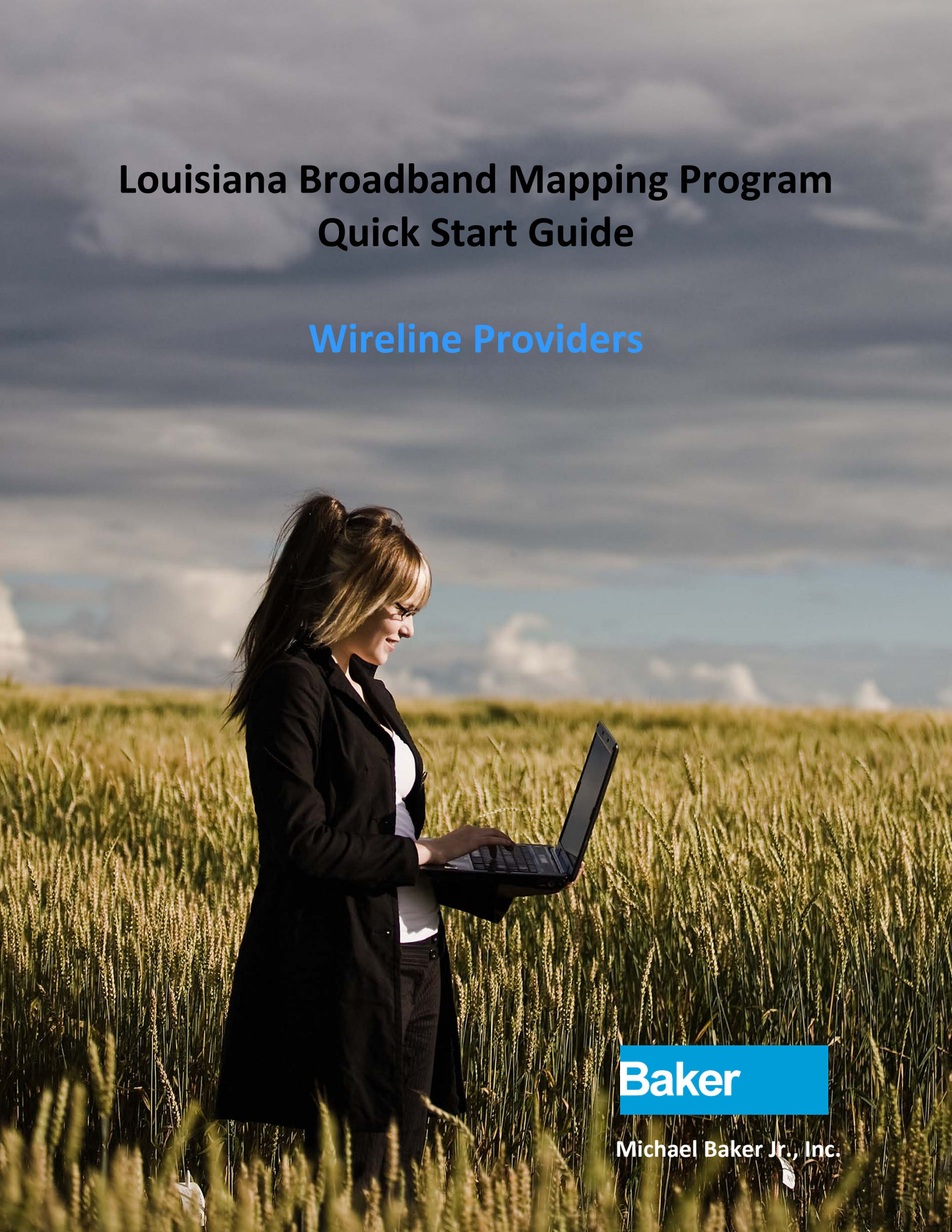
Louisiana Broadband Mapping Program
Quick Start Guide

Wireline Providers



Michael Baker Jr., Inc.

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1. Introduction

1.1 Estimated time to prepare a submission

This guide will step you through the basic information acceptable for completing your submission with the limited resources you may have. Gathering this information and providing it to us is expected to take no more than a couple hours.

1.2 What is a Wireline provider?

A Wireline provider uses any one of or a combination of the following technologies to distribute service:

Code	Technology	Details
10	Asymmetric xDSL	
20	Symmetric xDSL	
30	Other Copper Wireline	All copper-wire based technologies other than xDSL (Ethernet over copper and T-1 are examples)
40	Cable Modem – DOCSIS 3.0	
41	Cable Modem – Other	
50	Optical Carrier/Fiber to the End User	Fiber to the home or business end user (does not include “fiber to the curb”)
90	Electric Power Line	
0	All Other	Any specific technology not listed above

Note: Any submissions of '0' for technology must be accompanied by supporting documentation to clarify the transmission technology used

1.3 Contacts

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2. Data Submissions

The Submission Guidelines available at http://www.broadband.la.gov provide a technical breakdown of this information and further explanation of each data type being collected. This guide will provide you the information needed to make a very basic NTIA State Broadband submission.

2.1 Coverage Area

The most basic form of an acceptable coverage area you can submit to us would be a map that defines the boundaries of your service area down to the road segments. Our recommendation for completing this map would be to obtain a county map or other high scale resource that allows you to define the service area. We can accept this map via mail delivery in its raw form or you can scan and email it.

You must provide us the following information with your coverage area:

- Provider Name
- DBA Name
- FCC Registration Number (FRN)
- Technology Used - see table above
- Maximum Upload Speed offered in each service area - select the most appropriate code below for each service area

1	Less than or equal to 200 kbps
2	Greater than 200 kbps and less than 768 kbps
3	Greater than or equal to 768 kbps and less than 1.5 mbps
4	Greater than or equal to 1.5 mbps and less than 3 mbps
5	Greater than or equal to 3 mbps and less than 6 mbps
6	Greater than or equal to 6 mbps and less than 10 mbps
7	Greater than or equal to 10 mbps and less than 25 mbps
8	Greater than or equal to 25 mbps and less than 50 mbps
9	Greater than or equal to 50 mbps and less than 100 mbps
10	Greater than or equal to 100 mbps and less than 1 gbps
11	Greater than or equal to 1 gbps

- Maximum Download Speed offered in each service area - select the most appropriate code below for each service area

3	Greater than or equal to 768 kbps and less than 1.5 mbps
4	Greater than or equal to 1.5 mbps and less than 3 mbps
5	Greater than or equal to 3 mbps and less than 6 mbps
6	Greater than or equal to 6 mbps and less than 10 mbps
7	Greater than or equal to 10 mbps and less than 25 mbps

8	Greater than or equal to 25 mbps and less than 50 mbps
9	Greater than or equal to 50 mbps and less than 100 mbps
10	Greater than or equal to 100 mbps and less than 1 gbps
11	Greater than or equal to 1 gbps

- Typical Upload Speed experienced by users in each service area - see table above
- Typical Download Speed experienced by users in each service area - see table above

We will deliver census blocks and road segments to the NTIA that define your service area If you are able to provide us your coverage area in that form, it would be preferred. The guidelines for your state will provide more information about defining your service by census blocks and road segments.

2.2 Middle Mile

Middle mile information can be expressed at the very basic X,Y coordinate locations of your network elements. While 911 addresses would be preferred, the easiest way to provide this information if it is not readily available would be to use Google Earth or a similar freeware mapping application to extract the Lat/Long values (in decimal degrees).

You must provide us the following information with your middle mile points:

- Provider Name
- DBA Name
- FCC Registration Number (FRN)
- Facility Ownership - owned (0) or leased (1)
- Facility Capacity - select the most appropriate code below for each facility

1	Multiple T1s and less than 40 mbps
2	Greater than 40 mbps and less than 150 mbps
3	Greater than 150 mbps and less than 600 mbps
4	Greater than or equal to 600 mbps and less than 2.4 gbps
5	Greater than or equal to 2.4 gbps and less than 10 gbps
6	Greater than or equal to 10 gbps

- Facility Type - Fiber (1), Copper (2), Hybrid Fiber Coax (3), Wireless (4)
- 911 Address for each given point or Lat/Long coordinates (expressed in decimal degrees)
- Elevation relative to grade to the nearest foot. (+ above grade, - below grade)

This information will be treated as confidential.

2.3 Community Anchor Institution Points

Provide us with a list of all community anchor institutions as defined in the table below that exist in your service area. As with Middle Mile points, 911 addresses are preferred, but we will accept extracted X,Y coordinates from a mapping application such as Google Earth.

You must provide us the following information with your community anchor points:

- Anchor Name
- 911 Address for each given point or Lat/Long coordinates (expressed in decimal degrees)
- Category - select the appropriate code from the table below for each point:

1	School – K through 12
2	Library
3	Medical/healthcare
4	Public safety
5	University, college, other post-secondary
6	Other community support – government
7	Other community support – nongovernmental

- Broadband Service - Y/N for each point as to whether they subscribe to broadband service
- Technology available to each anchor point - see table above
    - Repeat the anchor for each technology available
- Maximum Upload Speed offered at each point - see table above
- Maximum Download Speed offered at each point - see table above